

Southeast Asian Fisheries Development Center

Aquaculture Department

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01 SEAFDEC/AQD Publications

Brochures and flyers

2020

Igang Marine Station

Aquaculture Department, Southeast Asian Fisheries Development Center

SEAFDEC Aquaculture Department. (2019). Igang Marine Station [Brochure]. Tigbauan, Iloilo, Philippines: Author.

<http://hdl.handle.net/10862/3563>

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About SEAFDEC

The Southeast Asian Fisheries Development Center (SEAFDEC) is an autonomous intergovernmental body established as a regional treaty organization in December 1967 to promote fisheries development in the region through research, training and information services. Its Member Countries include Brunei Darussalam, Cambodia, Indonesia, Japan, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Viet Nam.

The Aquaculture Department (AQD), one of SEAFDEC's five departments, is mandated to implement programs in research, technology verification and demonstration, and training and information dissemination in order to promote responsible aquaculture in Southeast Asia.

www.seafdec.org.ph



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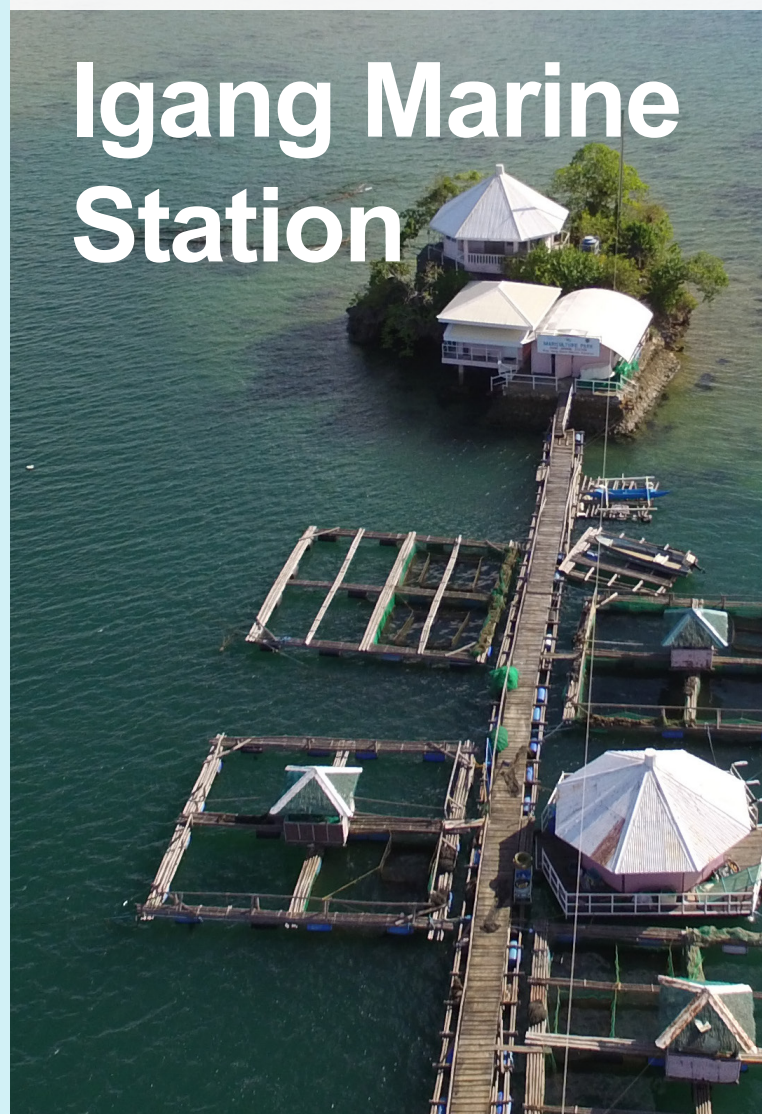
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AQUACULTURE DEPARTMENT
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Igang Marine Station



Igang Marine Station

The **Igang Marine Station (IMS)** of SEAFDEC Aquaculture Department (SEAFDEC/AQD) is located on the southwest coast of Guimaras Island in central Philippines. IMS is composed of five islets and clusters of floating fish cages interconnected by pontoon foot bridges. The station maintains captive broodstock of various commercially important aquaculture species to provide eggs for research and production runs.

The station was established in 1974 primarily for studies on the breeding of tiger shrimp (*Penaeus monodon*) in pens. The major breakthroughs of SEAFDEC/AQD were

accomplished in IMS, including the completion of the life cycle of tiger shrimp in captivity in 1975 and milkfish (*Chanos chanos*) in 1983. The natural spawning of captive breeders in cages was first observed and recorded at the station in 1979.

New nursery and grow-out technologies have been developed and verified for high-value species such as grouper (*Epinephelus* spp.), sea bass (*Lates calcarifer*), snapper (*Lutjanus argentimaculatus*), and pompano (*Trachinotus blochii*) to cater to the needs of fish farmers.



Tiger shrimp maturation pens in IMS (formerly SEAFDEC Sea-farming Station) in 1975

Activities and Facilities

Studies on marine culture techniques are being conducted in IMS including reproductive biology, broodstock maturation, and seed production. Trials are also being done to verify new diet formulations, evaluate the performance of cultured stocks, and the potential of new culture systems. Currently, the station also supports studies for various other aquaculture species like abalone, seaweeds, sea cucumbers, and most recently for tuna.

To support research and training activities, the station has an office, laboratories, staff quarters, and fully-furnished guest houses for official visitors.

The water of IMS is also home to a giant clam garden that is host to more than 200 giant clams that were stocked and protected within the station.

Legend

- 1 Station Building
- 2 Broodstock Area
- 3 Floating Laboratory₁
- 4 Hatchery Building
- 5 Giant Clam Garden
- 6 Sea Cucumber Pens
- 7 Executive House
- 8 Guest House
- 9 Mariculture Area
- 10 Floating Laboratory₂
- 11 Mini Wet Lab
- 12 Technicians' Quarters



Station Building



Floating Laboratory



Hatchery Building



Guest House



Mariculture Area



Mini Wet Lab

